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AIP aspect integrator platform

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U Topp, P Müller, J Konnertz, A Pick - Web, Web-Services, and Database ..., 2003 - Springer  
 ... This approach leads to a software **platform**, the **Aspect Integrator Platform (AIP)**, where all real objects are modelled through abstract objects which initially has only some generic and basic functionality (name, type information and so on). ...

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D Skantze, N Dahlbäck - Proceedings of the International Conference on ..., 2003 - Citeseer  
 ... interface. 2. SYSTEM DESIGN The system was built on **Aspect Integrator Platform (AIP)**, ABB's software **platform** for ABB's Industrial IT, using speechWeb TM, a VoiceXML browser from PipeBeach for dialog handling. **AIP** is ...

Cited by 11 - [Related articles](#) - [View as HTML](#) - [All 8 versions](#)[\[CITATION\] Intelligent binding in the engineering of automation systems using ontology and web services](#)

Z Hu, E Kruse, L Draws - IEEE Transactions on Systems, Man, and Cybernetics, ..., 2003

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RG Garcia, E Gelle, A Strohmeier - Seventh IEEE International Enterprise Distributed ..., 2003

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C Persson, N Yilmazturk, ABBABC Res, S Vasteras - ... Software Engineering, 2004. ..., 2004

Cited by 7 - [Related articles](#) - [All 7 versions](#)[Using UML for information modeling in industrial systems with multiple hierarchies](#)

P Fröhlich, Z Hu, M Schoelzke - «UML» 2002—The Unified Modeling Language - Springer

... A good example for the realization of a system integrating different applications based on the ideas presented in the previous sections is ABB's **Aspect Integrator Platform (AIP)** [5]. The **AIP** is a framework technology that is part of ABB's Industrial IT offerings to its customers in ...

Cited by 7 - [Related articles](#) - [BL Direct](#) - [All 5 versions](#)[Using ontology to bind Web Services to the data model of automation systems](#)[psu.edu](#) [PDF]

Z Hu - Web, Web-Services, and Database Systems - Springer

... ABB **Aspect Integrator Platform (AIP)** is created for the **integration** of different information hierarchies – device layer, automation layer, manufacture execution and asset management layer, enterprise management layer and collaboration layer, and it also creates an **integration** ...

Cited by 6 - [Related articles](#) - [BL Direct](#) - [All 13 versions](#)[\[PDF\] "Modelling of Combined Cycle Power Plant Ageing in Matlab and IndustrialIT"](#)[uia.no](#) [PDF]

A Støther, E Gallestey, GE Hovland - Proceedings of the 4th Nordic Matlab ..., uia.no

... A key tool for migrating the Matlab/Simulink tool into an ABB IIT product is the **Aspect Integrator Platform (AIP)**. An sample screenshot from the **AIP** is shown in Fig. 7. Page 5. Figure 5: Overview of the functional structure of the complete tool. ...

Cited by 2 - [Related articles](#) - [View as HTML](#)[\[PDF\] A software architecture for industrial automation](#)[psu.edu](#) [PDF]

R Garcia, E Gelle, A Strohmeier - Proc. Seventh IEEE International Enterprise ..., Citeseer

... Abstract The **Aspect Integrator Platform (AIP)** from ABB was designed to build the next generation of industrial automation applications. This **platform** is part of a set of products that provide the means to model, control and supervise ...


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6/4/2010

AIP aspect integrator platform - Googl...

HW Schmidt, ID Peake, J Xie, I Thomas, BJ Kramer, A ... - Object-Oriented Real-Time ..., 2003

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## Any status

[Issued patents](#)[Applications](#)Web interface to an input/output device

US Pat. 6732191 - Filed Jun 15, 2000 - Schneider Automation Inc.

Furthermore, a customized interface is generally required to **access** the control system by an end user. With the growth of Internet, and its World Wide **Web**

...

Exposure apparatus, coating/developing apparatus, method of transferring a ...

US Pat. 6638672 - Filed May 25, 2001 - Canon Kabushiki Kaisha

The and has a security capability for limiting external **access** to respective apparatuses within the **factory** are connected to the LAN 109. each other via a

...

Exposure apparatus, maintenance method therefor, semiconductor device ...

US Pat. 6657703 - Filed May 17, 2001 - Canon Kabushiki Kaisha

More specifically, the **factory** notifies the vendor via the Internet 805 of ...

The network **access** software includes a dedicated or general-purpose **web** ...

Charged-particle beam exposure apparatus and device manufacturing method

US Pat. 6666664 - Filed Mar 15, 2000 - Canon Kabushiki Kaisha

The storage **device** is a built-in memory, hard disk, or network file server. The network **access** software includes a dedicated or general-purpose **web** browser, ...

Alignment method, alignment apparatus, profiler, exposure apparatus ...

US Pat. 6559924 - Filed May 30, 2001 - Canon Kabushiki Kaisha

The storage **device** is a built-in memory, hard disk, or network file server. The network **access** software includes a dedicated or general-purpose **web** ...

Mechanism and apparatus for web-based searching of URI-addressable ...

US Pat. 6789077 - Filed Aug 31, 2000 - Sun Microsystems, Inc.

Thus, **factory**, the gate may be maintained in a gate cache. When a **device** may receive an XML message schema for a service the gate is no longer being used,

...

Internet web interface including programmable logic controller for

...

US Pat. 6151625 - Filed Apr 30, 1999 - Schneider Automation Inc.

Many manufacturers provide **factory** automation information using Microsoft ...

The **Web** interface provides **access** to the PLC back plane by a user at a remote

...

Exposure apparatus, maintenance method therefor,  
semiconductor **device** ...

US Pat. 6757048 - Filed Nov 13, 2001 - Canon Kabushiki Kaisha

The storage **device** is a built-in memory, 30 hard disk, or network file server.

The network **access** software includes a dedicated or general-purpose **web** ...

Mechanism and apparatus for using messages to look up  
documents stored in ...

US Pat. 6643650 - Filed Sep 12, 2000 - Sun Microsystems, Inc.

25 A gate **factory** for a **device** may generate gate code that may ... schema  
for a

service and then construct a gate based on that schema to **access** the **device**.

...

Scanning exposure apparatus, scanning exposure method, and  
**device** ...

US Pat. 6704093 - Filed Feb 20, 2002 - Canon Kabushiki Kaisha

Each **factory** can **access** the host management system 1080 of the vendor  
1010 ...

**web** browser, and provides a user interface having a window as shown in FIG.

...

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